

FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
AMKOR-052ASERIAL NO.
09/687,048INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Tae Heon Lee et al.

(37 CFR 1.98(b))

(Use several sheets if necessary)

FILING DATE
10/13/2000GROUP
2814

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER								PUBLICAT ION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
DLN	10	2	5	6	2	4	0		09/25/98	Japan				
	10	1	9	9	9	3	4		07/31/98	Japan				
	9	2	9	3	8	2	2		11/11/97	Japan				
	9	0	9	2	7	7	5		04/04/97	Japan				
	8	6	4	6	3	4			03/08/96	Japan				
	7	2	9	7	3	4	4		11/95	Japan				
	6	2	6	0	5	3	2		09/16/94	Japan				
	6	9	2	0	7	6			04/05/94	Japan				
	5	2	8	3	4	6	0		10/29/93	Japan				
	5	1	6	6	9	9	2		07/93	Japan				
	5	1	2	9	4	7	3		05/25/93	Japan				
	4	0	9	8	8	6	4		03/92	Japan				
	1	1	0	6	4	5	6		04/24/89	Japan				
	63	3	1	6	4	7	0		12/23/88	Japan				
	63	2	4	9	3	4	5		10/17/88	Japan				
	60	2	3	1	3	4	9		11/16/85	Japan				
	60	1	9	5	9	5	7		10/04/85	Japan				
	60	1	1	6	2	3	9		08/06/85	Japan				
	60	0	1	0	7	5	6		01/19/85	Japan				
	59	2	2	7	1	4	3		12/20/84	Japan				
	59	2	0	8	7	5	6		11/27/84	Japan				
	55	1	6	3	8	6	8		12/20/80	Japan				
	10	0	2	2	0	1	54		06/18/99	Korea				
	19	97	7	2	3	5	8		11/07/97	Korea				
	94	1	9	7	9				01/03/94	Korea				
	DE	19	7	34	7	94	A1		08/11/97	Germany				
	EP	1	0	3	2	0	37		08/30/00	European Patent Office				
	EP	0	9	36	6	7	1		08/18/99	European Patent Office				
	EP	0	8	4	4	6	65		05/27/98	European Patent Office				
	EP	0	7	94	5	72	A2		10/09/97	European Patent Office				
	EP	0	7	20	2	3	4		03/07/96	Europe Patent Office				
	EP	0	7	20	2	2	5		03/07/96	European Patent Office				
	EP	5	9	05	0	93	9		03/19/84	European Patent Office				
	EP	5	4	02	1	11	7		06/08/79	European Patent Office				
DLN	99	6	7	8	2	1			12/29/99	PCT				
	99	5	6	3	1	6			11/04/99	PCT				

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

DLN			JEDEC Solid State Product Outline, "2 Lead Header Family Surface Mounted (Peripheral Terminals)", 4 pages
			Mannion, P., "MOSFETs Break Out of the Shackles of Wirebonding", Electronic Design, Vol. 47, #6 (March 22, 1999)
DLN			Micro Electronics Packaging Handbook, 1989, edited by R. Tummala & E. Rymaszewski, published by Van Nostrand Reinhold, New York, NY
			National Semiconductor Application Note 1187, "Leadless Leadframe Package (LLP)", October, 2002, http://www.national.com/an/AN/AN-1187.pdf

EXAMINER

Richard Ruyne

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EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

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PATENTSIVABUT02A.981



Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
DLN	P01	6498392	2002-12-24		Azuma		
	P02	6464121	2002-10-15		Reijnders		
	P03	6452279	2002-09-17		Shimoda		
	P04	6444499	2002-09-03		Swiss, et al.		
	P05	6400004	2002-06-04		Fan et al.		
	P06	6395578	2002-05-28		Shin et al.		
	P07	6384472	2002-05-07		Huang		
	P08	6380048	2002-04-30		Boon, et al.		
	P09	6373127	2002-04-16		Baudouin, et al.		
	P10	6339255	2002-01-15		Shin		
	P11	6326244	2001-12-04		Brooks, et al.		
	P12	6323550	2001-11-27		Martin et al.		
	P13	6316838	2001-11-13		Ozawa, et al.		
	P14	6309909	2001-10-30		Ohgiyama		
	P15	6303984	2001-10-16		Corisis		
	P16	6297548	2001-10-02		Moden et al.		
	P17	6294830	2001-09-25		Fjelstad		
	P18	6291273	2001-09-18		Miyaki, et al.		
	P19	6291271	2001-09-18		Lee, et al.		
	P20	6285075	2001-09-04		Combs, et al.		
	P21	6282095	2001-08-28		Houghton, et al.		
	P22	6281568	2001-08-28		Glenn, et al.		
	P23	6281566	2001-08-28		Magni		
	P24	6256200	2001-07-03		Lam, et al.		
	P25	6239384	2001-05-29		Smith, et al.		
DLN	P26	6229205	2001-05-08		Jeong, et al.		


OLN	P27	6225146	2001-05-01		Yamaguchi, et al.
	P28	6222258	2001-04-24		Asano, et al.
	P29	6218731	2001-04-17		Huang, et al.
	P30	6211462	2001-04-03		Carter, Jr., et al.
	P31	6208023	2001-03-20		Nakayama, et al.
	P32	6208020	2001-03-27		Minamio, et al.
	P33	6204554	2001-03-20		Ewer, et al.
	P34	6201292	2001-03-13		Yagi, et al.
	P35	6201186	2001-03-13		Daniels, et al.
	P36	6198171	2001-03-06		Huang, et al.
	P37	6197615	2001-03-06		Song, et al.
	P38	6184465	2001-02-06		Corisis
	P39	6181002	2001-01-30		Juso, et al.
	P40	6177718	2001-01-23		Kozono
	P41	6169329	2001-01-02		Farnworth, et al.
	P42	6140154	2000-10-31		Hinkle, et al.
	P43	6133623	2000-10-17		Otsuki, et al.
	P44	6130473	2000-10-10		Mostafazadeh, et al.
	P45	6130115	2000-10-10		Okumura, et al.
	P46	6118184	2000-09-12		Ishio, et al.
	P47	6118174	2000-09-12		Kim
	P48	6100594	2000-08-08		Fukui, et al.
	P49	6087722	2000-07-11		Lee, et al.
OLN	P50	6081029	2000-06-27		Yamaguchi

Remarks






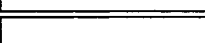

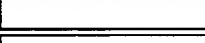
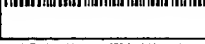






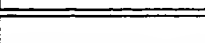

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Examiner Name	Date
	6/16/03

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init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
DLN	P01	6075284	2000-06-13		Choi, et al.		
	P02	6072228	2000-06-06		Hinkle, et al.		
	P03	6060769	2000-05-09		Wark		
	P04	6060768	2000-05-09		Hayashida, et al.		
	P05	6043430	2000-03-28		Chun		
	P06	6040626	2000-03-21		Cheah, et al.		
	P07	6034423	2000-03-07		Mostafazadeh, et al.		
	P08	6031279	2000-02-29		Lenz		
	P09	6025640	2000-02-15		Yagi, et al.		
	P10	6018189	2000-01-25		Mizuno		
	P11	6013947	2000-01-11		Lim		
	P12	6001671	1999-12-14		Fjelstad		
	P13	5986885	1999-11-16		Wyland		
	P14	5986333	1999-11-16		Nakamura		
	P15	5981314	1999-11-09		Glenn, et al.		
	P16	5977615	1999-11-02		Yamaguchi, et al.		
DLN	P17	5976912	1999-11-02		Fukutomi, et al.		

DLN	P18	5973388	1999-10-26		Chew, et al.
	P19	5959356	1999-09-28		Oh
	P20	5951305	1999-09-14		Haba
	P21	5942794	1999-08-24		Okumura, et al.
	P22	5939779	1999-08-17		Kim
	P23	5917242	1999-06-29		Ball
	P24	5903050	1999-05-11		Thuraijاراتnam, et al.
	P25	5903049	1999-05-11		Mori
	P26	5900676	1999-05-04		Kweon, et al.
	P27	5897339	1999-04-27		Song, et al.
	P28	5886398	1999-03-23		Low, et al.
	P29	5877043	1999-03-02		Alcoe, et al.
	P30	5874784	1999-02-23		Aoki, et al.
	P31	5859471	1999-01-12		Kuraishi, et al.
	P32	5844306	1998-12-01		Fujita, et al.
	P33	5834830	1998-11-10		Cho
	P34	5821615	1998-10-13		Lee
	P35	5821457	1998-10-13		Mosley, et al.
DLN	P36	5818105	1998-10-06		Kouda

DLN	P37	5817540	1998-10-06		Wark
	P38	5814884	1998-09-29		Davis, et al.
	P39	5814883	1998-09-29		Sawai, et al.
	P40	5814881	1998-09-29		Alagaratnam, et al.
	P41	5814877	1998-09-29		Diffenderfer, et al.
	P42	5801440	1998-09-01		Chu, et al.
	P43	5776798	1998-07-07		Quan, et al.
	P44	5770888	1998-06-23		Song, et al.
	P45	5766972	1998-06-16		Takahashi, et al.
	P46	5753977	1998-05-19		Kusaka, et al.
	P47	5745984	1998-05-05		Cole, Jr., et al.
	P48	5736432	1998-04-07		Mackessy
	P49	5723899	1998-03-03		Shin
DLN	P50	5710064	1998-01-20		Song, et al.

Remarks

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This Electronic Information Disclosure Statement is being filed after the mailing of a first office action and before the mailing of a final office action, notice of allowance, or an action otherwise closing prosecution. Pursuant to 37 CFR 1.97(c)(2), the fee set forth in 37 CFR 1.17(p) of \$180.00 is due for the filing of this Information Disclosure Statement. The fee set forth in 37 CFR 1.17(p) of \$180.00 has been paid. See submission number EFS ID: 24714.

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Examiner Name	Date
<i>Delia R. Meyer</i>	6/16/03

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
<i>Mr</i>	P01	5703407	1997-12-30		Hori		
	P02	5696666	1997-12-09		Miles, et al.		
	P03	5689135	1997-11-18		Ball		
	P04	5683806	1997-11-04		Sakumoto, et al.		
	P05	5673479	1997-10-07		Hawthorne		
	P06	5665996	1997-09-09		Williams, et al.		
	P07	5650663	1997-07-22		Parthasaranthi		
	P08	5646831	1997-07-08		Manteghi		
	P09	5644169	1997-07-01		Chun		
	P10	5641997	1997-07-24		Ohta, et al.		
	P11	5640047	1997-07-17		Nakashima		
	P12	5639990	1997-06-17		Nishihara, et al.		
	P13	5633528	1997-05-27		Abbott, et al.		
	P14	5625222	1997-04-29		Yoneda, et al.		
	P15	5608267	1997-03-04		Mahulikar, et al.		
	P16	5604376	1997-02-18		Hamburgen, et al.		
	P17	5594274	1997-01-14		Suetaki		
	P18	5592025	1997-01-07		Clark, et al.		
	P19	5581122	1996-12-03		Chao, et al.		
	P20	5545923	1996-08-13		Barber		
	P21	5544412	1996-08-13		Romero, et al.		
	P22	5543657	1996-08-06		Diffenderfer, et al.		
	P23	5539251	1996-07-23		Iverson, et al.		
<i>Mr</i>	P24	5534467	1996-07-09		Rostoker		


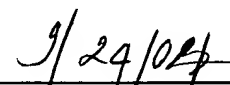
P25	5517056	1996-05-14		Bigler, et al.
P26	5508556	1996-04-16		Lin
P27	5493151	1996-02-20		Asada, et al.
P28	5474958	1995-12-12		Djennas, et al.
P29	5454905	1995-10-03		Fogelson
P30	5444301	1995-08-22		Song, et al.
P31	5435057	1995-07-25		Bindra, et al.
P32	5424576	1995-06-13		Djennas, et al.
P33	5414299	1995-05-09		Wang, et al.
P34	5410180	1995-04-25		Fujii, et al.
P35	5406124	1995-04-11		Morita, et al.
P36	5391439	1995-02-21		Tomita, et al.
P37	5343076	1994-08-30		Katayama, et al.
P38	5336931	1994-08-09		Juskey, et al.
P39	5335771	1994-08-09		Murphy
P40	5332864	1994-07-26		Liang, et al.
P41	5327008	1994-06-05		Djennas, et al.
P42	5294897	1994-03-15		Notani, et al.
P43	5279029	1994-01-18		Burns
P44	5277972	1994-01-11		Sakumoto, et al.
P45	5273938	1993-12-28		Lin, et al.
P46	5266834	1993-11-30		Nishi, et al.
P47	5258094	1993-11-02		Furui, et al.
P48	5252853	1993-10-12		Michii
P49	5250841	1993-10-05		Sloan, et al.
P50	5221642	1993-06-22		Burns

Remarks

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Examiner Name	Date
	

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
PL	P01	5218231	1993-06-08		Kudo		
	P02	5216278	1993-06-01		Lin, et al.		
	P03	5214845	1993-06-01		King, et al.		
	P04	5200809	1993-04-06		Kwon		
	P05	5200362	1993-04-06		Lin, et al.		
	P06	5096852	1992-03-17		Hobson		
	P07	5087961	1992-02-11		Long, et al.		
	P08	5070039	1991-12-03		Johnson, et al.		
	P09	5065223	1991-11-12		Matsuki, et al.		
	P10	5029386	1991-07-09		Chao, et al.		
	P11	4987475	1991-01-22		Schlesinger, et al.		
	P12	4935803	1990-06-19		Kalfus, et al.		
	P13	4920074	1990-04-24		Shimizu, et al.		
	P14	4907067	1990-03-06		Derryberry		
	P15	4862246	1989-08-29		Masuda, et al.		
	P16	4862245	1989-08-29		Pashby, et al.		
	P17	4812896	1989-03-14		Rothgery, et al.		
	P18	4756080	1988-07-12		Thorp, Jr., et al.		
	P19	4737839	1988-04-12		Burt		
	P20	4707724	1987-11-17		Suzuki, et al.		
	P21	4417266	1983-11-22		Grabbe		
	P22	4301464	1981-11-17		Otsuki, et al.		
	P23	4289922	1981-09-15		Devlin		
	P24	4258381	1981-03-24		Inaba		
	P25	4189342	1980-02-19		Kock		
	P26	4054238	1977-10-18		Lloyd, et al.		
PL	P27	3838984	1974-10-01		Crane, et al.		

<i>ph</i>	P28	RE36907	2000-10-10		Templeton, Jr., et al.
<i>ph</i>	P29	RE36613	2000-03-14		Ball

Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
<i>ph</i>	U01	20020140068	2002-10-03		Lee, et al.		
	U02	20020140061	2002-10-03		Lee		
	U03	20020024122	2002-02-28		Jung, et al.		
	U04	20020011654	2002-01-31		Kimura		
<i>ph</i>	U05	20010008305	2001-07-19		McLellan, et al.		

Remarks

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Examiner Name	Date
<i>Delia Guyer</i>	<i>9/24/04</i>

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